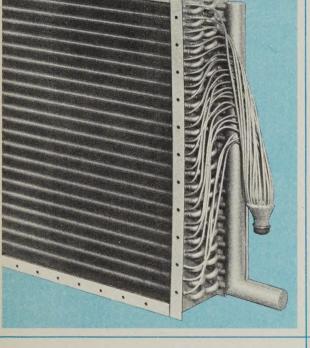
KeepRite

PRODUCTS LIMITED



1968 ANNUAL REPORT





DIRECTORS

J. GORDON McMILLEN Brantford, Ont.

F. STEWART BROWN London, Ont.

JOHN G. EDISON, Q.C. Toronto, Ont.

JOHN O. TREPANIER, Q.C. Brantford, Ont.

IRVIN M. BODINE Brantford, Ont.

JOHN J. BLACK Brantford, Ont.

ROSS M. HANBURY Toronto, Ont.

OFFICERS

J. GORDON McMILLEN
President

F. STEWART BROWN

Vice-President
and General Manager
London (Unifin) Division

MRS. ETHEL L. MASON
Assistant Secretary-Treasurer

IRVIN M. BODINE

Executive Vice-President
and General Manager
Brantford Division

JOHN J. BLACK Secretary-Treasurer

REGISTRAR and TRANSFER AGENTS FOR CLASS A SHARES

THE CANADA TRUST COMPANY
Montreal, Toronto, Winnipeg, Calgary and Vancouver

AUDITORS

MILLARD, ROUSE AND ROSEBRUGH Chartered Accountants Brantford, Ont.

BANKER

CANADIAN IMPERIAL BANK OF COMMERCE

COMPANY PLANTS and OFFICES

Head Office - 44 Elgin Street, Brantford, Ontario

Plants — 44 Elgin Street, Brantford, Ontario — 1030 Clarke Sideroad, London, Ontario

Sales Offices — Halifax, Montreal, Ottawa, Toronto, Hamilton, London, Winnipeg, Vancouver.

Representatives — Simsbury, Connecticut, U.S.A. Stafford, England.

COVER PHOTOS

(TOP)

A cooling coil for refrigeration and air conditioning products

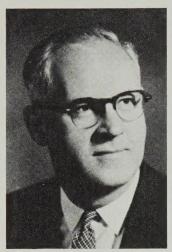
(MIDDLE)

A custom built heating coil being manufactured in our London plant

(BOTTOM)

Testing a low temperature cooling unit in our Brantford lab where temperatures as low as minus 40°F may be obtained

KEEPRITE PRODUCTS LIMITED



J. GORDON McMILLEN, President.

REPORT OF THE BOARD OF DIRECTORS

To The Shareholders:

Your Directors are pleased to present, herewith, the financial statements of your company for the year ended December 31, 1968, the first full year of operation since becoming a public company on September 28, 1967.

On February 5, 1968, the Class A shares of the Company were listed on the Toronto Stock Exchange. In the year 1968 the fixed, preferential, cumulative cash dividend at the rate of 50c per share per annum, applicable to the Class A shares of the Company, was declared and paid together with a participating cash dividend of 10c per share on all Class A and Common shares of the Company. Dividend payments in 1968 totalled \$165,251.

Your Directors have passed a Special Resolution authorizing an application for Supplementary Letters Patent to subdivide both the Class A and Common shares of the Company on a three for one basis. Shareholders will be asked to approve this Resolution at the Annual and Special General Meeting to be held on April 18, 1969.

SALES AND INCOME: Sales of your company's products for the year ended December 31, 1968, established a new high of \$15,198,436, a gain of 30% over the preceding year. The net profit after taxes increased by 35.3% over the year 1967 to \$604,419. This represents 4.0% of sales and compares favourably with a profit ratio of 3.8% in the year 1967, despite higher Corporation Income Taxes applicable to 1968 earnings. Earnings per Class A share outstanding in 1968 were \$1.33 per share as compared to \$1.07 in 1967.

FINANCIAL POSITION: Working capital increased by \$377,695 during the year, and the ratio of current assets to current liabilities at December 31, 1968, was 2.8 to 1, as compared to 2.7 to 1 as at December 31, 1967. While Accounts Receivable and Inventories increased over the prior year it should be noted that the ratio of Accounts Receivable to Sales improved to 13.6% from 15.9% and the inventory turnover as at December 31, 1968 was 7.8 times as compared to 7.3 times as at the prior year end.

REPORT OF THE BOARD OF DIRECTORS (continued)

As mentioned in our interim report as at June 30, 1968, the considerable increase in funds applied to the purchase of machinery and equipment in the year 1968 is largely accounted for by two major items; (1) a new and improved finning machine and toolage, and (2) a large numerically controlled tape operated turret press. In addition substantial purchases of new dies and more sophisticated tooling were made in 1968 in line with your Company's policy of constantly striving to improve efficiency to help offset continually rising costs.

GENERAL: The overall results and the growth trend indicated in the year just completed exceeded expectations. The steadily rising costs of operations and the highly competitive price structure of our markets are a constant cause for concern. However, early trends for 1969 indicate that significant progress should be made in the coming year.

The growing interest in air conditioning and the vitality of markets for refrigeration and other heat transfer products, both on this continent and abroad, give cause for confidence in the long-range future of our industry. In expanding and improving your Company's operations, we must maintain a continuing program of research and development, equipment modernization and manufacturing methods improvement, and aggressive but ethical selling practices to maintain our position in the industry as it grows. All of these will have our continuing attention in 1969.

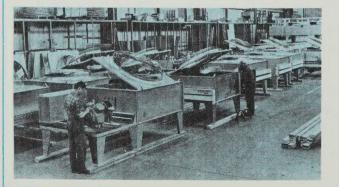
APPRECIATION: Co-operation of the "KeepRite TEAM OF PEOPLE", in factory, in offices, engineering, sales and management is an important element of our programs. Without the co-operation of all of these fine people it would have been impossible to create the foundation necessary to take advantage of the opportunities which we see on the horizon. The Board acknowledges with gratitude the loyal support and efficient efforts of all our people in the past year.

On behalf of the Board of Directors

J. GORDON McMILLEN,
President.

FEBRUARY 26, 1969.

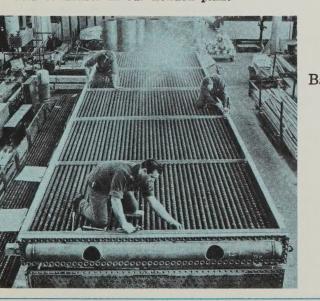
Air cooled condensing units under construction on heavy assembly line in Brantford plant



STATEMENT OF INCOME		
	Year ended December 31	
	1968	1967
SALES	\$15,198,436	\$11,687,989
Cost of sales, selling, administrative and other expenses exclusive of the items		
listed below	13,608,105	10,569,187
Depreciation	259,122	179,314
Interest on long term debt	70,856	26,352
	13,938,083	10,774,853
Net income for the year before taxes on income	1,260,353	913,136
Taxes on income (Note 1)	655,934	466,292
NET INCOME FOR THE YEAR	\$ 604,419	\$ 446,844
STATEMENT OF RETAINED EARNINGS	Year ended I	December 31
	1968	1967

	1968	1967
Balance — beginning of year	\$ 2,518,194	\$ 2,073,198
Add: Net income for the year	604,419	446,844
	3,122,613	2,520,042
Deduct: Dividends declared — Class A shares — Common shares	124,946 40,305	_
Adjustment on prior years' income tax	1,188	1,848
	166,439	1,848
Balance — end of year	\$ 2,956,174	\$ 2,518,194

Building a large stainless steel acid condenser in our London plant



BALANCE SHEET AS

(with comparati

ASSETS

CURRENT ASSETS:	1968	1967
Cash on hand and in bank	\$ 480,721	\$ 534,747
Accounts receivable after allowance for doubtful accounts	2,066,766	1,853,123
Inventories, valued at lower of cost or market	1,953,327	1,590,779
Prepaid expenses	5,694	35,275
Total Current Assets	4,506,508	4,013,924
OTHER ASSETS:		
Special refundable tax	9,153	15,549
Investments at cost	3,000	3,000
	12,153	18,549
FIXED ASSETS:		
Land, buildings and equipment at cost	2,300,835	2,095,592
Less: Accumulated depreciation	1,068,644	924,837
	1,232,191	1,170,755
Signed on behalf of the Board:		
J. GORDON McMILLEN, Director		
JOHN J. BLACK, Director		
	\$ 5,750,852	\$ 5,203,228

AUDITORS' REPORT

To the Shareholders of KeepRite Products Limited:

We have examined the balance sheet of KeepRite Products Limited as at December 31, 1968, and the statements of income, retained earnings and source and application of funds for the year then ended. Our examination included a general review of the accounting procedures and such tests of accounting records and other supporting evidence as we considered necessary in the circumstances.

In our opinion, the aforementioned financial statements present fairly the financial position of the company as at December 31, 1968, and the results of its operations and the source and application of its funds for the year then ended, in accordance with generally accepted accounting principles applied on a basis consistent with that of the preceding year.

Brantford, Ontario February 20, 1969. MILLARD, ROUSE AND ROSEBRUGH Chartered Accountants

T DECEMBER 31, 1968

ures for 1967)

LIABILITIES

CURRENT LIABILITIES:		
	1968	1967
Accounts payable and accrued liabilities	\$ 1,091,077	\$ 874,730
Salaries, wages and commissions pay- able, and payroll deductions to be remitted from employees' compensa-		
tion	229,060	194,798
Income taxes payable	282,342	268,062
Note payable		150,000
Current instalment of mortgage payable	12,500	12,500
Total Current Liabilities	1,614,979	1,500,090
DEFERRED INCOME TAXES (Note 1)	164,192	156,937
LONG TERM DEBT:		
Note payable to bank (Note 2)	1,000,000	1,000,000
Mortgage — $6\frac{1}{2}\%$ payable in annual instalments of \$12,500.00 on July 8,		
less current instalment shown above		12,500
	1,000,000	1,012,500
Total Current Liabilities	1,000,000	1,000,0 1,2,5

2	
QUITY	
5,169	5,169
10,338	10,338
15,507 2,956,174	15,507 2,518,194
2,971,681	2,533,701
\$ 5,750,852	\$ 5,203,228
	10,338 ———————————————————————————————————

STATEMENT OF SOURCE AND APPLICATION OF FUNDS

	Year ended I	December 31
SOURCE OF FUNDS:	1968	1967
Net income from operations	\$ 604,419	\$ 446,844
Depreciation charged to operations	259,122	179,314
Increase in deferred income tax	7,255	16,367
Total funds provided from operations	870,796	642,525
Refund of special refundable tax	6,396	_
Term note arranged through bank	_	1,000,000
	877,192	1,642,525
APPLICATION OF FUNDS:		
Dividends declared and paid	165,251	
Fixed assets purchased	320,558	165,752
Increase in special refundable tax	_	4,944
Mortgage instalment paid	12,500	12,500
Long term note paid	_	150,000
Prior years' income tax adjustment	1,188	1,848
	499,497	335,044
Funds retained as increased working capital	\$ 377,695	\$ 1,307,481

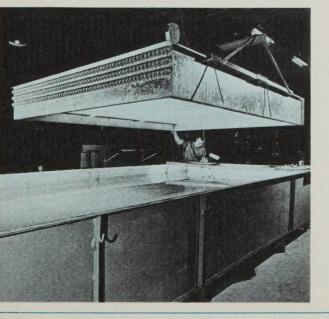
One of KeepRite's modern engineering and design centres



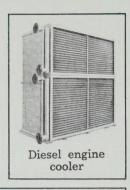
NOTES TO FINANCIAL STATEMENTS

- NOTE 1: The current year's provision for income taxes included an amount of \$7,255 which is not currently payable as a result of claiming for tax purposes capital cost allowance in excess of depreciation recorded in the accounts. This amount is included in the balance sheet as deferred income taxes together with an amount of \$156,937 with respect to prior years' deferred income taxes.
- NOTE 2: The note payable to the bank has a term of 15 months from December 30, 1968, and the interest rate may vary with the prime lending rate. The rate effective at December 31, 1968 was $6\frac{3}{4}\%$ (December 31, 1967 $6\frac{1}{2}\%$). The company anticipates that this note may be renewed.
- NOTE 3: The aggregate direct remuneration paid or payable by the company to the directors and the senior officers is \$209,281 for the year 1968.
- NOTE 4: The company has a group annuity contract with a large life insurance company which provides, on a contributory basis, retirement benefits for all its employees based on a percentage of average earnings to normal retirement age. The past service liability is being amortized over a 10 year period. The unfunded past service liability as at December 31, 1968, is approximately \$36,300 which will be charged to operating costs over the next two years.

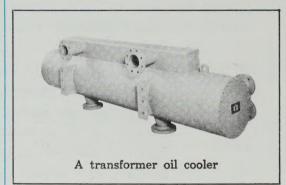
A large air cooled condenser coil ready to be submerged for leak testing

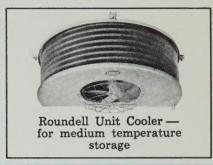


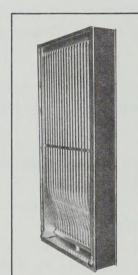
KEEPRITE PRODUCTS LIMITED

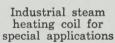


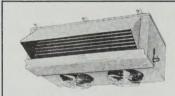




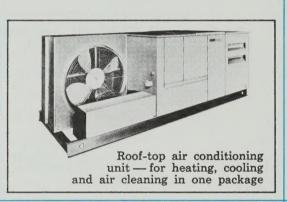






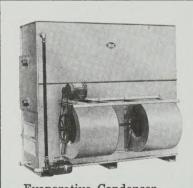


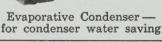
Defrostair Unit Cooler — for low temperature storage

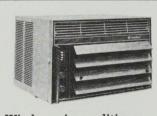




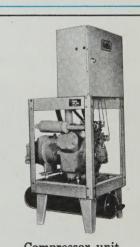








Window air conditioner — for home and office comfort



Compressor unit for industrial or commercial refrigeration and air conditioning

KeepRite

HEAD OFFICE

Head Office and Engineering Centre — Brantford, Ontario
Unifin Division — London, Ontario



SYSTEMATIC ENGINEERING IN REFRIGERATION, AIR CONDITIONING AND HEAT TRANSFER EQUIPMENT

KEEPRITE SALES OFFICES

OFFICE

P O Box

Halifax Nova Scotia MONTREAL

2340 Lucerne Road Town of Mount Royal

OTTAWA 26 Kaymer Drive, R.F.

Ottawa, Ontario TORONTO

TORONTO 3019A Dufferin S LONDON
P O Box 2395 Terminal A
London Ont
WINNIPEG
416 Lyle St
Winnipeg 12 Man
CALGARY
709 - 11th Ave S W
Celgary Alto

PRODUCTS LIMITED

UNIFIN DIVISION SALES OFFICES

HALIFAX P O Box 935 Armdale P O Halifax, N S

MONTREAL 2340 Lucerne Road Town of Mount Royal Que

UNIFIN DIVISION SALES REPRESENTATIVES

DELAWARE (USA)
1815 Newport Gap Pike
Wilmington

STAFFORD (UK)
4A St. Martin's Place
Stefford, England

LONDON P O Box 2395 Terminal 'A'

Also Sales Representatives in Australia Greece India Israel New Zealand.

REFRIGERATION



FIN COILS AND "RAPIDAIRE" BAFFLES

High efficiency and easy installation. Maximum air turbulence for greatest heat transfer. Added fin support in large coils. Five fin spacings with unlimited sizes and models





SLIMLINE UNIT COOLER

Eight sizes, all featuring quick disconnect fan and motor assembly with recessed junction box for fast easy service. Low profile. All aluminum casing for corrosion protection.

TRIPLE-FAN UNIT COOLER

Highly efficient finned surface. Generously rated fan motors. Insulated drip pan. Low air velocities. Twin adjustable air deflectors. Rugged aluminum casing.





HOT GAS DEFROST UNIT COOLER

Specifically designed for low temperature applications. Exclusive fan collars provide greater air throw. Quick disconnect fan and motor assembly for servicing ease. Eight sizes from 3.100 to 24.000 BTU/HR at 10°TD.



ROUNDELL UNIT COOLER

Rigid slotted hangers for easy installation. Low air velocity. Minimum height. Quiet operation. Non-corrosive all-aluminum casing. A full range

of models available — up to 20,400 BTU/HR at 10°TD. For applications above 33°F.



DEFROSTAIR

Electrically heated.
''Heat trap hood''
cuts defrost time
to a minimum.
Built-in heat exchanger, easy in-

stallation requiring no special plumbing. Full range of models 320 to 4.000 BTU/HR/°FTD.

TUCKAWAY UNIT COOLER

Economical, attractive, compact unit for reach-ins, back bars and beverage coolers. Available for normal cold storage as well as low temperature applications with electric defrost heaters.





ROUNDETTE UNIT COOLER

Economical, space savers. Easily installed. Readily accessible. Minimum servicing. Insulated drip pan. All aluminum non-corrosive case. Four models.



SPACE COOLER

Four models in two case sizes. Space-saving "betweenthe-rails" dimensions. Silent, efficient variable speed centrifugal fan. Adjustable baffles to ensure low velocity, even distribution of air.



PRODUCT COOLER

Designed to provide virtually any arrangement of air intake, fan drive, coil, drain and heater connections. Accessible for easy servicing. Compact, heavy-duty construction. Ten sizes up to 30 tons refrigeration in one unit. Horizontal and vertical models available.



GRAVITY BOOSTER UNIT COOLER

For that slight boost of natural gravity cold air circulation. Low face velocity. Between-the-rails design. Double drain pan. Six sizes from 4,500 to 27,000 BTU/HR at 10°TD.



Heavy-duty, accessible, hermetic motor compressor. Inherently protected motors. Compact design with flexibility for mounting. Interchangeable compressor parts for easy

replacement. Magnetic starters. Factory-wired control panel. Extra large receiver-condenser with low pressure drop. Solid mounts to reduce piping vibration. Removable legs for field rack installation.



WATER COOLED CONDENSING UNIT

Factory-wired control panel. High-Low pressure controls and magnetic starter with overloads. Reversing oil pumps. Oil level sight glass. Condenser-receiver for city or cooling tower water supply.

REMOTE CONDENSING UNIT

Factory-installed discharge muffler. Reversing oil pump. Optional crankcase heater. Standard or optional oversize receivers. Factory-wired control panel. High and low pressure controls. Magnetic starter with overloads.











KeepRite Products Limited

Head Office and Engineering Centre, Brantford, Canada

Unifin Division — London, Canada



Heavy products assembly line at KeepRite Brantford plant

eepRite is one of the few all-Canadian comas leaders in their field - not only in Canada but all over the world.

From a small beginning in 1945 when we produced a limited range of commercial refrigeration and heat transfer products, we now manufacture at our Brantford and London, Ontario plants, a full line of commercial and industrial refrigeration and air conditioning equipment, window air conditioners, heating equipment and a broad range of industrial heat exchangers including those for the atomic industry.

Since 1945, our manufacturing space has increased 15 times, the number of employees 40 times and sales volume 73 times.

This position has been reached through diligent attention to product development, all Canadian engineering, outstanding service and the highest quality control standards. These are some of the factors which have built KeepRite into an industry leader and the same factors will maintain growth and expansion in the future.

We hope that this folder will tell you a little more about us and what we do. Additional information is available on request



Unifin Division, Plant and Offices, London, Ontario

AIR CONDITIONING



AIR COOLED CONDENSING UNIT

Condensing unit with a completely factory-wired, allinclusive control panel; compact, low silhouette and light-weight for easy roof mounting. Fully accessible for easy servicing. Constructed to minimize noise and vibration. Eleven models from 10 to 60 tons

ECONOMY CONDENSING UNIT

Big system sophistication for small tonnage installations. Light-weight, versatile, easily installed and maintained. Factory-wired control panel. Comes in two sizes. 5 and 71/2 tons



CLIMATIZER

Eight discharge arrangements for split system air conditioning applications. Totally accessible, easily installed. Rugged corner construction assures quietness of operation, Capacity range 5 to 60 tons.

COMPRESSOR UNIT

Accessible, hermetic body for servicing ease. Quiet. Easily installed. Completely factory-wired control panel. Positive overheat control for motor protection. Wide range of options for complete flexibility. With single and double compressors from 10 to 60 tons.

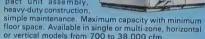


ROOF-TOP UNIT

Space-saving heating, cooling and air-filtering systems in one package. Easy to install, service and maintain. Designed to reduce building costs and provide economical, long life operation. Models from 3 to 30 H.P.

SEASONMASTER

Central station air conditioning systems, Compact unit assembly





SEASONVENT

Heating and ventilating units for commercial, industrial and institutional buildings. Sixteen basic units for ceiling, floor and wall applications. Steam or hot water coils, and electric heaters readily available. Models from 700 to 57,000 cfm.

SEASONMAKER

Complete line of ceiling. wall and hideaway remote air conditioners. Easily accessible. Simple installation. Compact spacesaving design. Choice of ten different models up to 10 tons capacity.



HEAT TRANSFER



AIR COOLED CONDENSER

Flip-top accessibility for servicing ease. Reduced weight, lower silhquette increased rigidity and 35% less refrigerant, Sizes ranging from 5 to 135 tons.

EVAPORATIVE CONDENSER

Available for commercial and industrial applications from 30 to 300 tons. Heavy-gauge galvanized steel casing. Minimal noise level. Factory-mounted water pumps and base chan nels save on-site labour Indoors or outdoors installation.



COMMERCIAL COOLING TOWER

Low silhouette. Treated surfaces provide protection against cabinet erosion. Life-lubrication bearings. Weather-proofed motor, Quiet, large diameter fans. Integral water level control. Fourteen sizes ranging from 5 to 150 tons.

KDX DIRECT EXPANSION COILS

Rippled fins and staggered tubes produce an air pattern for maximum heat transfer. Mechanical ex-



pansion bond ensures permanent metal-to-metal contact. Fin collars provide maximum contact area. Nominal tube lengths up to 144 inches.

WATER COOLING COILS

Requirements for any design load. Mechanical expansion bond, Flanged casings. Copper tube headers. Full fin collars. Complete coil tested leakfree before shipment.



WATER HEATING COILS

Designed and engineered to meet most applications requiring normal water quantities and normal water pressure drop. Available in 2, 4, 6, 8, and 10 row deep coils. Intermediate drain headers available.

STEAM COILS

Rippled fins. Staggered tubes. Mechanical expansion bond. Full fin collars to provide maximum contact area. Steam baffle to prevent short circuiting and ensure equal steam pressure throughout supply header.



TYPE B BOOSTER COILS

Designed and built for use in reheat applications where high capacities are required from limited space. Suitable for supply ducts in each room for individual room control. Single circuits in 1- and 2-row depths. Double circuits in 2-row depths.

WINDOW AIR CONDITIONERS

KeepRite is Canada largest manufacturer and exporter of window air conditioners for homes offices, stores and pub tic buildings. All window air conditioners are sold to a number of large and well-known National



Distributors in the Canadian appliance industry for their own private label distribution all over the world

CRYSTAL TIPS ICE MACHINES Crystal tips automatic

ice cube makers and dispensers are manufactured under license by KeepRite. Ice making capacities range from 100 to 1 000 pounds of ice per day



PREFABRICATED CHIMNEYS

Manufacturers of the "Fire Chief' safety chimney Chimnev features include easy installation, low cost and high efficiency. No maintenance Available in a range of sizes. 6. 7, and 10 inch





UNIFIN DIVISION PRODUCTS

KeepRite's London (Unifin) Division plant manufactures industrial heat exchange equipment for a wide range of industries. Unifin is Canada's exclusive manufacturer of integral finned tubing. Applications, particularly the electrical industry and the nuclear power plants. This extruded fin tubing gives a proven superior heat transfer surface and a lifetime ruggedness

giving you "th te has b

Heated. Controlled -iltered. Conditioned. Dehumidified. Cooled lumidified.

service and world-famous And the company's outstanding control standards for instance. About KeepRite's high quality And they can tell you more. in the industry it's applied to. And how well each process works what KeepRite's been doing to air. and air conditioning. They know commercial and industrial refrigeration The experts can tell you — the men throughout the world who know

> It all started in Brantford, all-Canadian Engineering

KeepRite discovers new answers air conditioning equipment. and industrial refrigeration and equipment, industrial heat supplying the world with window And as new needs develop . . . exchangers and commercial air conditioners, heating plants, KeepRite's been From these two totally integrated in London, Canada. So does the Unifin Division product development facilities. manufacturing, research and now incorporates complete opened in Brantford . . . and In 1945 the first KeepRite plant

> KeepRite famous, and has made in its field. and international leader the company grow to a national kind of care that has made for almost 25 years. With the We've been doing just that

to Caracas . . . KeepRite's Just watch us. it for a long time to come. And we intend to keep on doing been giving people the air Toronto to Beirut, and Stockholm From Montreal to Liverpool,

PRODUCTS LIMIT Brantford, Canada LIMITED

Sales Offices — Halifax, N Hamilton, London, Calgary, ttawa, Toronto, and Vancouver.

Unifin Division — London, Canada. Sales Offices — London, Toronto, Montreal, Halifax Sales Reps. — Wilmington, U.S.A., Stafford, England

















AAS TRANSING DUCTS LIMITED
AAS TRANSING DUCTS LIMITED
PANG KIM POPH, AGENCIES
OLOGO 3100

Unifin Division
Unifin Divisio

KEEPRITE PRODUCTS LIMITED

SALES OFFICES AND AGENCIES

WITH DIVISION STORES

SALES OFFICES AND AGENCIES

WITH DIVISION STORES

SALES OFFICES AND AGENCIES

WITH DIVISION STORES

MR COILS

A continuous tube type unit utilizing return bends MR Coils are designed for efficient heating or cooling of air or ess using water as the heat carrying medium for a wide targe of heating, wentilating and air conditioning applications. They are also available in a cleanable tube design as "CMR" coils.



UNIFLEX

The design of these heating coils embodies the principle of offsetting or brodies the principle of offsetting or brodies the busis to provide for differential expansion, relieving the strain on the coil caused by rigid piping. As a result they are best suited for the properature and modulated reheating applications.

UMJMMZ-OZM



BOOSTER
These coils are installed in heating ducts where additional heat is required for a specific area. sure steam heating coil eliminates a horizontal position where it is desirable to have connections at the same end of the coil.



a new concept in steam heatin design reduces the problem of tubes that is present in a two TYPE SCH
ing coils, SCH. or Separate Condensate Head
of the condensate freezing in the first row
wo row coil when a common header is us

TYPE DE
Unrith direct expansion coils
for cooling air or gas with
for cooling air or gas with
a refrigerant are used in
commercial air conditioning
installations. Steam cleaned
and tested after assembly
they are dired by vacuum
and charged with refrigerant
before shipping.
All Unrith heating and cooling coil
tubing or low cost spiro fin tubir
environmental conditions.



quality integral finned of metals to suit al

products utilize exclusive integrally finned tubing which has long been recognized surface tube available. It is produced from one piece of metal. The fins are vall by means of otary dies under extreme pressure. This one piece or integral transfer efficiently with rugged and dependable qualities. While we do produce equipment with plain or bare tubing, most Unifin products are built around extended surface or finned tubes. Why? Because they provide more surface area from 1/4 to 5 times per lineal foot of tubes thus giving greater heat transfer capabilities.

gral finned tubing is produced in three basic configurations known as HIFIN, W/H and LOFIN. The are three basic HEIn tubes, all copper, all aluminum, and BIMetal. In BIMetal, while the fin material is limited proper or aluminum, almost any desired metal or alloy can be selected for the inner or liner tube which is copper or aluminum outer tube prior to finning. The pressure used to extrude the fin from the of the outer tube also bonds it to the liner tube. Copper, brass, cupro nickel, carbon and stainless steels are most popular liner tube metals.

n tubing has a relatively low fin height, approximately 1/8", and is usually used for and tube heat exchangers in a wide field of applications. It is presently available 2 different metals.

integrally finned tubing ers and fabricators.

spirofin tubing, where a copper or aluminum strip is spirally wrapped on edge and uncally bonded to the tube body, is also used where lower cost is a prime factor.





engineering know-how, experience and facilities, Unifin is in a position to des ansfer coils in both finned and plain tubing. A few examples are shown above

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HEAD OFFICE

G. E. Lill Sales Manager A. I. Lamb Export Supervis

K. P. Hambly
Manufacturing Man
E. A. Utas

company and its scope. If you your nearest Unifin sales office

UNIFIN HEATING

A single frame unit housing one or more removable steam coils that is used to heat air and other gases for such purposes as Boiler Air Pre-Heating, Lumber Processing, Textile Drying, Pulp and Paper Processing, and Chemical Process Heating, Any of Unifirity Single steam coil types can be incorporated in this unit.

TYPE F/P
Used for heating when incoming air is below freezing temperature or when steam pressure is low; the frost proof coil utilizes a smaller tube inside the fined tube to distribute incoming steam evenly along the length of the coil. It is available with connections at opposite end or at same end of the coil.

Militaria de la constanta de l TUBING USED IN UNIFIN PRODUCTS











FRAZNTMR



TRANSFORMER OIL COOLERS USING AIR

TYPE INTERNAL ONW This unit is placed inside the transformer tank and cool-ing water is ofculated through the causing natural convection cooling in the oil. They are custom designed for each analication







PRODDU-N

REFRIGERATION

ODUCTS LIMITED

Centre — Brantford, Ontario

coils. Five fin spacings with

unlimited sizes and models

IN REFRIGERATION, AIR TRANSFER EQUIPMENT

Highly efficient finned

TRIPLE-FAN UNIT COOLER

able air deflectors. Rug velocities. I win adjustlated drip pan. Low air rated fan motors. Insusurface. Generously

ged aluminum casing

tric defrost heaters applications with elec

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preece, India, Israel, New Zealand

disconnect fan and motor assembly for servicing ease Eight sizes from 3,100 to 24,000 BTU/HR at 10°TD Specifically designed for low temperature applications. HOT GAS DEFROST UNIT COOLER

Exclusive fan collars provide greater air throw. Quick

REPRESENTATIVES



of models available — up to 20,400 BTU/HR at

10°TD. For applications above 33°F. rosive all-aluminum mum height. Quiet operation. Non-cor-Low air velocity. Minifor easy installation. Rigid slotted hangers

UNIT COOLER

ROUNDELL



DEFROSTAIR

the-rails" dimensions. Silent, efficient variable speed Four models in two case sizes. Space-saving "betweenSPACE COOLER

centrifugal fan. Adjustable baffles to ensure low veloc-

ity, even distribution of air.

to a minimum cuts defrost time Electrically heated Heat trap hood

changer, easy in-Built-in heat ex-

stallation requiring no special plumbing. Full range of models 320 to 4,000 BTU/HR/°FTD.

UNIT COOLER

casing for corrosion protection

Low profile. All-aluminum tion box for fast easy service. assembly with recessed junc-

disconnect fan and motor

Eight sizes, all featuring quick

UNIT COOLER SLIMLINE

cold storage as well and beverage coolers reach-ins, back bars tive, compact unit for Available for norma Economical, attrac-



PRODUCT COOLER

construction. Ten sizes up to 30 tons refrigeration in one unit. Horizontal and vertical models available. intake, fan drive, coil, drain and heater connections. Designed to provide virtually any arrangement of air Accessible for easy servicing. Compact, heavy-duty



GRAVITY BOOSTER UNIT COOLER

tion. Low face velocity. Between-the-rails design. Double drain pan. Six sizes from 4,500 to 27,000 BTU/HR at 10°TD. For that slight boost of natural gravity cold air circula

with overloads.

case. Four models ing. Insulated drip pan. All aluminum non-corrosive accessible. Minimum servic-Easily installed. Readily UNIT COOLER ROUNDETTE

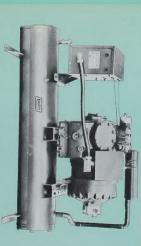
Economical, space savers.



Heavy-duty, accessible CONDENSING UNIT AIR COOLED

pressor parts for easy motors. Compact design with flexibility for mountsor. Inherently protected ing. Interchangeable comhermetic motor compres-

drop. Solid mounts to reduce piping vibration. Removreplacement. Magnetic starters. Factory-wired control able legs for field rack installation. panel. Extra large receiver-condenser with low pressure



WATER COOLED CONDENSING UNIT

trols and magnetic starter with overloads. Reversing for city or cooling tower water supply. Factory-wired control panel. High-Low pressure conoil pumps. Oil level sight glass. Condenser-receiver

REMOTE CONDENSING UNIT

and low pressure con control panel. High ceivers. Factory-wired optional oversize reheater. Standard or charge muffler. Retrols. Magnetic starter versing oil pump. Factory-installed dis Optional crankcase









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